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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/665,330
Filing Date	SEPTEMBER 19, 2003
First Named Inventor	MOHAN, et al.
Art Unit	1731
Examiner Name	FORTUNA, JOSE A.
Attorney Docket Number	BLB-024566-V2

Sheet 1 of 5

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
*		A	US 3,293,114	12-20-1966	KENAGA, et al.	
	/JAF/	B	US- 3,357,322	01-12-1965	L. D. GILL	
	/JAF/	C	US- 3,468,467	09-23-1969	S. W AMBERG	
*		D	US- 3,556,934	01-10-1971	FRED J. MEYER	
	/JAF/	E	US- 3,615,972	10-26-1971	MOREHOUSE JR, et al.	
	/JAF/	F	US- 3,779,951	12-18-1973	ROBERT J. STREU	
	/JAF/	G	US- 3,785,254	01-15-1974	ROBERT H. MANN	
*		H	US 3,819,470	06-23-1974	SHAW, et al.	
	/JAF/	I	US- 3,941,634	03-02-1976	FNISSE, et al.	
	/JAF/	J	US- 4,051,277	09-27-1977	WILKINSON, et al.	
	/JAF/	K	US- 4,133,688	01-09-1979	WIELAND H. SACK	
*		L	US- 4,179,540	12-10-1979	GARNER, et al.	
	/JAF/	M	US- 4,233,325	11-11-1980	SLANGAN, et al.	
	/JAF/	N	US- 4,237,171	12-02-1980	LAAGE, et al.	
	/JAF/	O	US- 4,241,125	12-23-1980	CANNING, et al.	
*		P	US- 4,324,753	04-13-1982	ROBERT A. GILL	
	/JAF/	Q	US- 4,435,344	03-06-1984	AKIRA IIOKA	
	/JAF/	R	US- 4,451,585	05-29-1984	BENGT ANDERSSON	
*		S	US- 4,483,880	11-20-1984	BENGT ANDERSSON	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)					
* *	/JAF/	FI	JP 2009707	1997	OJI PAPER CO.		
* *	/JAF/		EP0506750(english)				
* *	/JAF/		00-191000-JPabstract				

Examiner
Signature

/Jose Fortuna/

Date
Considered

01/15/2008

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* Cited on PTO-892 Mailed on March 06, 2006

** No Dated and/or missing statement of relevancy. These Publications are drawn to trash suction devices.

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Application Number	10/665,330
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Art Unit	1731
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Attorney Docket Number	BLB-024566-V2

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		Number-Kind Code ² (if known)			
/JAF/	T	US- 4,548,349	10-22-1985	ROBERT A. TUNBERG	
	U	US- 4,581,285	04-05-1986	MAHEFKEY, JR. et al.	
	V	US- 4,617,223	10-14-1986	HISCOCK, et al.	
	W	US- 4,619,734	10-28-1986	INGMAR A. ANDERSSON	
	X	US- 4,777,930	10-18-1988	MARVIN E. HARTZ	
	Y	US- 4,781,243	11-01-1988	VOGEL, et al.	
	Z	US- 4,836,400	06-06-1989	CHAFFEY, et al.	
	A1	US- 4,898,752	02-06-1990	CAVAGNA, et al.	
	A2	US- 4,902,722	02-20-1990	GEORGE E. MELBER	
	A3	US- 4,946,737	08-07-1990	LINDEMAN, et al.	
	A4	US- 4,982,722	01-08-1991	W. BURK WYATT	
	A5	US- 4,988,478	01-29-1991	KURT HELD	
	A6	US- 5,092,485	03-03-1992	T.T. LEE	
	A7	US- 5,096,650	03-17-1992	DOUGLAS J. RENNA	
	A8	US- 5,125,996	06-30-1992	CAMPBELL, et al.	
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	B1	US- 5,226,585	07-13-1993	RICHARD VARANO	
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/JAF/	B3	US- 5,370,814	12-06-1994	IVAL O. SALYER	

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Examiner Signature	/Jose Fortuna/	Date Considered	/Jose Fortuna/
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/JAF/	B4	US- 5,424,519	06-13-1995	GIDEON SALEE	
↑	B5	US- 5,454,471	10-03-1995	JEAN NORVELL	
	B6	US- 5,477,917	12-26-1995	IVAL O. SALYER	
	B7	US- 5,478,988	12-26-1995	HUGHES, et al.	
	B8	US- 5,490,631	02-13-1996	IIOKA, et al.	
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	C1	US- 5,520,103	05-28-1996	ZIELINSKI, et al.	
	C2	US- 5,601,744	02-11-1997	WAYNE D. BALDWIN	
	C3	US- 5,637,389	06-10-1997	COLVIN, et al.	
	C4	US- 5,705,242	01-06-1998	ANDERSEN, et al.	
	C5	US- 5,759,624	06-02-1998	NEALE, et al.	
	C6	US- 5,792,398	08-11-1998	BENGT ANDERSSON	
	C7	US- 5,800,676	09-01-1998	KOLKE, et al.	
	C8	US- 5,880,435	03-09-1999	WILLIAM M. BOSTIC	
↓	C9	US- 5,884,006	03-16-1999	FROHLICH, et al.	
/JAF/	D1	US- 5,952,068	09-14-1999	NEALE, et al.	
		US-			
		US-			
		US-			

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Examiner Signature	/Jose Fortuna/	Date Considered	01/15/2008
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Sheet	4	of	5	Attorney Docket Number	BLB-024566-V2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JAF/	A	Tappi/May 1972, Vol. 55, No. 5, pg. 770-771	
/JAF/	B	Tappi/December 1973, Vol. 56, No. 12, pg. 158-160	
/JAF/	C	"The Use of Microspheres to Improve Paper Properties", by Soderberg, Paper Technology, August 1989, pgs. VIII/17-VII/21	
/JAF/	D	"XPANCEL" An Introduction, a publication from Expancel, Box 13000, S0-850 13 Sundsvall, SWEDEN	Date Unknown.
/JAF/	E	"The Application of Microspheres for the Production of High Bulk Papers", by M. Baumeister, Das Papier, Vol. 26, no. 10A: 716-720 (1972)	
/JAF/	F	"Microspheres find use as fiber replacement in low-density board", by David O. Bowen, Pulp & Paper November 1976, pg. 126-127	

Examiner Signature	/Jose Fortuna/	Date Considered	01/15/2008
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/JAF/	G	EXPANCEL - Expandable Microspheres in Paper and Board, by Mark Lunabba, KemaNord Plast AB, Sector No dated.	
/JAF/		Microspheres, Box 13000, S-850 13 Sundsvall, SWEDEN Date unknown	
/JAF/	H	"Expandable Microspheres in Board", World Pulp & Paper Technology, pgs, 143-145 Date unknown	
JAF/	I	"Foams on the Cutting Edge", by Ray Erikson, January 1999	

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